

Bl

#9



PCT09

ENTERED

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/831,458A

DATE: 07/16/2002
 TIME: 15:37:48

Input Set : A:\pf0636usn_seqlist.txt
 Output Set: N:\CRF3\07162002\I831458A.raw

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
 5 TANG, Y. Tom
 6 CORLEY, Neil C.
 7 GUEGLER, Karl J.
 8 YUE, Henry
 9 BAUGHN, Mariah R.
 10 LAL, Preeti
 11 HILLMAN, Jennifer L.
 12 BANDMAN, Olga
 13 AZIMZAI, Yalda
 14 AU-YOUNG, Janice
 16 <120> TITLE OF INVENTION: HUMAN CELL SURFACE RECEPTOR PROTEINS
 18 <130> FILE REFERENCE: PF-0636 PCT
 C--> 20 <140> CURRENT APPLICATION NUMBER: US/09/831,458A
 C--> 21 <141> CURRENT FILING DATE: 2002-05-16
 C--> 23 <150> PRIOR APPLICATION NUMBER: 09/121,280; unassigned; 09/206,647; unassigned;
 60/123,404
 W--> 24 <151> PRIOR FILING DATE: 1998-11-12; 1998-11-12; 1998-12-07; 1998-12-07; 1999-03-08
 26 <160> NUMBER OF SEQ ID NOS: 26
 28 <170> SOFTWARE: PERL Program
 30 <210> SEQ ID NO: 1
 31 <211> LENGTH: 81
 32 <212> TYPE: PRT
 33 <213> ORGANISM: Homo sapiens
 35 <220> FEATURE:
 36 <221> NAME/KEY: misc_feature
 37 <223> OTHER INFORMATION: Incyte ID No: 2355971CD1
 39 <400> SEQUENCE: 1
 40 Met Gly Pro Arg Arg Leu Leu Leu Val Ala Ala Cys Phe Ser Leu 15
 41 1 5 10 15
 42 Cys Gly Pro Leu Leu Ser Ala Arg Thr Arg Ala Arg Arg Pro Gly 30
 43 20 25 30
 44 Glu Arg Cys Thr Gly Met Gly Cys Ala Gly Gly Thr Pro Arg 45
 45 35 40 45
 46 Gly Asp Cys Gly Gly His Cys Cys Asp Phe Ser Ser Pro Leu Pro 60
 47 50 55 60
 48 Gln Phe Pro Pro Lys Ala Lys Leu Ala Phe Gly Leu Arg Ser Gly 75
 49 65 70 75
 50 Val Phe Ser Ser His Val 80
 51
 53 <210> SEQ ID NO: 2
 54 <211> LENGTH: 140
 55 <212> TYPE: PRT
 56 <213> ORGANISM: Homo sapiens

7/16/02

**RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/831,458A**

DATE: 07/16/2002
TIME: 15:37:48

Input Set : A:\pf0636usn_seqlist.txt
Output Set: N:\CRF3\07162002\I831458A.raw

58 <220> FEATURE:
 59 <221> NAME/KEY: misc_feature
 60 <223> OTHER INFORMATION: Incyte ID No: 2917059CD1
 62 <400> SEQUENCE: 2
 63 Met Met Ala Gly Ile Arg Ala Leu Phe Met Tyr Leu Trp Leu Gln 15
 64 1 5 10
 65 Leu Asp Trp Val Ser Arg Gly Glu Ser Val Gly Leu His Leu Pro 30
 66 20 25
 67 Thr Leu Ser Val Gln Glu Gly Asp Asn Ser Ile Ile Asn Cys Ala 45
 68 35 40
 69 Tyr Ser Asn Ser Ala Ser Asp Tyr Phe Ile Trp Tyr Lys Gln Glu 60
 70 50 55
 71 Ser Gly Lys Gly Pro Gln Phe Ile Ile Asp Ile Arg Ser Asn Met 75
 72 65 70
 73 Asp Lys Arg Gln Gly Gln Arg Val Thr Val Leu Leu Asn Lys Thr 90
 74 80 85
 75 Val Lys His Leu Ser Leu Gln Ile Ala Ala Thr Gln Pro Gly Asp 105
 76 95 100
 77 Ser Ala Val Tyr Phe Cys Ala Glu Asn Thr His Cys Phe Pro Gly 120
 78 110 115
 79 Ile Cys Asn His His Pro Asn Leu Arg Trp Glu Val Lys Gln His 135
 80 125
 81 Pro Phe Pro Leu Gln
 82 140
 85 <210> SEQ ID NO: 3
 86 <211> LENGTH: 358
 87 <212> TYPE: PRT
 88 <213> ORGANISM: Homo sapiens
 90 <220> FEATURE:
 91 <221> NAME/KEY: misc_feature
 92 <223> OTHER INFORMATION: Incyte ID No: 538181CD1
 94 <400> SEQUENCE: 3
 95 Met Ala Trp Ala Leu Tyr Leu Ser Leu Gly Val Leu Trp Val Ala 15
 96 1 5 10
 97 Gln Met Leu Leu Ala Ala Gly Cys His Ala Ala Ala Ser Phe Glu 30
 98 20 25
 99 Thr Leu Gln Cys Glu Gly Pro Val Cys Thr Glu Glu Ser Ser Cys 40
 100 35
 101 His Thr Glu Asp Asp Leu Thr Asp Ala Arg Glu Ala Gly Phe G 55
 102 50
 103 Val Lys Ala Tyr Thr Phe Ser Glu Pro Phe His Leu Ile Val S 70
 104 65
 105 Tyr Asp Trp Leu Ile Leu Gln Gly Pro Ala Lys Pro Val Phe G 85
 106 80
 107 Gly Asp Leu Leu Val Leu Arg Cys Gln Ala Trp Gln Asp Trp P 100
 108 95
 109 Leu Thr Gln Val Thr Phe Tyr Arg Asp Gly Ser Ala Leu Gly P 115
 110 110
 111 Pro Gly Pro Asn Arg Glu Phe Ser Ile Thr Val Val Gln Lys A

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/831,458A

DATE: 07/16/2002
TIME: 15:37:48

Input Set : A:\pf0636usn_seqlist.txt
Output Set: N:\CRF3\07162002\I831458A.raw

112	125	130	135
113	Asp Ser Gly His Tyr His Cys Ser Gly Ile Phe Gln Ser Pro Gly		150
114	140	145	
115	Pro Gly Ile Pro Glu Thr Ala Ser Val Val Ala Ile Thr Val Gln		165
116	155	160	
117	Glu Leu Phe Pro Ala Pro Ile Leu Arg Ala Leu Pro Ser Ala Glu		180
118	170	175	
119	Pro Gln Ala Gly Gly Pro Met Thr Leu Ser Cys Gln Thr Lys Leu		195
120	185	190	
121	Pro Leu Gln Arg Ser Ala Ala Arg Leu Leu Phe Ser Phe Tyr Lys		210
122	200	205	
123	Asp Gly Arg Ile Val Gln Ser Arg Gly Leu Ser Ser Glu Phe Gln		225
124	215	220	
125	Ile Pro Thr Ala Ser Glu Asp His Ser Gly Ser Tyr Trp Cys Glu		240
126	230	235	
127	Ala Ala Thr Glu Asp Asn Gln Val Trp Lys Gln Ser Pro Gln Leu		255
128	245	250	
129	Glu Ile Arg Val Gln Gly Ala Ser Ser Ala Ala Pro Pro Thr		270
130	260	265	
131	Leu Asn Pro Ala Pro Gln Lys Ser Ala Ala Pro Gly Thr Ala Pro		285
132	275	280	
133	Glu Glu Ala Pro Gly Pro Leu Pro Pro Pro Pro Thr Pro Ser Ser		300
134	290	295	
135	Glu Asp Pro Gly Phe Ser Ser Pro Leu Gly Met Pro Asp Pro His		315
136	305	310	
137	Leu Tyr His Gln Met Gly Leu Leu Leu Lys His Met Gln Asp Val		330
138	320	325	
139	Arg Val Leu Leu Gly His Leu Leu Met Glu Leu Arg Glu Leu Ser		345
140	335	340	
141	Gly His Arg Lys Pro Gly Thr Thr Lys Ala Thr Ala Glu		
142	350	355	
144	<210> SEQ ID NO: 4		
145	<211> LENGTH: 201		
146	<212> TYPE: PRT		
147	<213> ORGANISM: Homo sapiens		
150	<220> FEATURE:		
151	<221> NAME/KEY: misc_feature		
152	<223> OTHER INFORMATION: Incyte ID No: 1368760CD1		
154	<400> SEQUENCE: 4		
155	Met Ala Arg Gln Lys Lys Met Gly Gln Ser Val Leu Arg Ala Val		15
156	1 5 10		
157	Phe Phe Leu Val Leu Gly Leu Leu Gly His Ser His Gly Gly Phe		30
158	20 25		
159	Pro Asn Thr Ile Ser Ile Gly Gly Leu Phe Met Arg Asn Thr Val		45
160	35 40		
161	Gln Glu His Ser Ala Phe Arg Phe Ala Val Gln Leu Tyr Asn Thr		60
162	50 55		
163	Asn Gln Asn Thr Thr Glu Lys Pro Phe His Leu Asn Tyr His Val		75
164	65 70		

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/831,458A

DATE: 07/16/2002
TIME: 15:37:48

Input Set : A:\pf0636usn_seqlist.txt
Output Set: N:\CRF3\07162002\I831458A.raw

165 Asp Leu Leu Asp Ser Ser Asn Ser Phe Ser Val Thr Asn Ala Phe
166 80 85 90
167 Cys Ser Gln Phe Ser Arg Gly Val Tyr Ala Ile Phe Gly Phe Tyr
168 95 100 105
169 Asp Gln Met Ser Met Asn Thr Leu Thr Ser Phe Cys Gly Ala Leu
170 110 115 120
171 His Thr Ser Phe Val Thr Pro Ser Phe Pro Thr Asp Ala Asp Val
172 125 130 135
173 Gln Phe Val Ile Gln Met Arg Pro Ala Leu Lys Gly Ala Ile Leu
174 140 145 150
175 Ser Leu Leu Gly His Tyr Lys Trp Glu Lys Phe Val Tyr Leu Tyr
176 155 160 165
177 Asp Thr Glu Arg Gly Lys Lys Arg His Leu Leu Cys Ser Leu Asp
178 170 175 180
179 Ile His Val Ile Val Phe Lys Leu Pro Gln Leu Met Cys Pro Leu
180 185 190 195
181 Leu Pro Ile Asn Lys Ile
182 200
184 <210> SEQ ID NO: 5
185 <211> LENGTH: 117
186 <212> TYPE: PRT
187 <213> ORGANISM: Homo sapiens
188 <220> FEATURE:
189 <221> NAME/KEY: misc_feature
190 <223> OTHER INFORMATION: Incyte ID No: 1670669CD1
191 <400> SEQUENCE: 5
192 Met Asp His Leu Gly Ala Ser Leu Trp Pro Gln Val Gly Ser Leu
193 1 5 10 15
194 20 25 30
195 35 40 45
196 50 55 60
197 65 70 75
198 80 85 90
199 95 100 105
200 Gly Pro Glu Glu Leu Leu Cys Phe Thr Glu Arg Val Gly Leu
201 201
202 Gly Met Ser His Gly Lys Leu Cys Arg Leu His Gln Ala Pro Thr
203 203
204 Ala Arg Gly Gly Ala Leu Leu Val Cys Ala Ala Tyr Arg Arg
205 205
206 His Val Glu Leu Arg Ala Pro Arg Val Gly Arg His Ser Ser Leu
207 207
208 Arg Arg Ser Ala Ile Ser Pro Cys His Pro His Gln
209 209
210 <210> SEQ ID NO: 6
211 <211> LENGTH: 455
212 <212> TYPE: PRT
213 <213> ORGANISM: Homo sapiens
214 <220> FEATURE:
215 <221> NAME/KEY: misc_feature
216 <223> OTHER INFORMATION: Incyte ID No: 2851578CD1
217 <223>

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/831,458A

DATE: 07/16/2002
TIME: 15:37:48

Input Set : A:\pf0636usn_seqlist.txt
Output Set: N:\CRF3\07162002\I831458A.raw

221 <400> SEQUENCE: 6
 222 Met Glu Gly Gly Arg Ala Ala Gly Phe Pro Leu Ala Cys Lys Gln 15
 223 1 5 10
 224 Glu His Arg Val Phe Leu Ser Gly Cys Glu Asn Ala Asp Glu Asn 30
 225 20 25
 226 Pro Arg Met Leu Cys His Arg Gly Gly Gln Leu Ile Val Pro Ile 45
 227 35 40
 228 Ile Pro Leu Cys Pro Glu His Ser Cys Arg Gly Arg Arg Leu Gln 60
 229 50 55
 230 Asn Leu Leu Ser Gly Pro Trp Pro Lys Gln Pro Met Glu Leu His 75
 231 65 70
 232 Asn Leu Ser Ser Pro Ser Pro Ser Leu Ser Ser Ser Val Leu Pro 90
 233 80 85
 234 Pro Ser Phe Ser Pro Ser Pro Ser Ser Ala Pro Ser Ala Phe Thr 105
 235 95 100
 236 Thr Val Gly Gly Ser Ser Gly Gly Pro Cys His Pro Thr Ser Ser 120
 237 110 115
 238 Ser Leu Val Ser Ala Phe Leu Ala Pro Ile Leu Ala Leu Glu Phe 135
 239 125 130
 240 Val Leu Gly Leu Val Gly Asn Ser Leu Ala Leu Phe Ile Phe Cys 150
 241 140 145
 242 Ile His Thr Arg Pro Trp Thr Ser Asn Thr Val Phe Leu Val Ser 165
 243 155 160
 244 Leu Val Ala Ala Asp Phe Leu Leu Ile Ser Asn Leu Pro Leu Arg 180
 245 170 175
 246 Val Asp Tyr Tyr Leu Leu His Glu Thr Trp Arg Phe Gly Ala Ala 195
 247 185 190
 248 Ala Cys Lys Val Asn Leu Phe Met Leu Ser Thr Asn Arg Thr Ala 210
 249 200 205
 250 Ser Val Val Phe Leu Thr Ala Ile Ala Leu Asn Arg Tyr Leu Lys 225
 251 215 220
 252 Val Val Gln Pro His His Val Leu Ser Arg Ala Ser Val Gly Ala 240
 253 230 235
 254 Ala Ala Arg Val Ala Gly Gly Leu Trp Val Gly Ile Leu Leu Leu 255
 255 245 250
 256 Asn Gly His Leu Leu Leu Ser Thr Phe Ser Gly Pro Ser Cys Leu 270
 257 260 265
 258 Ser Tyr Arg Val Gly Thr Lys Pro Ser Ala Ser Leu Arg Trp His 285
 259 275 280
 260 Gln Ala Leu Tyr Leu Leu Glu Phe Phe Leu Pro Leu Ala Leu Ile 300
 261 290 295
 262 Leu Phe Ala Ile Val Ser Ile Gly Leu Thr Ile Arg Asn Arg Gly 315
 263 305 310
 264 Leu Gly Gly Gln Ala Gly Pro Gln Arg Ala Met Arg Val Leu Ala 330
 265 320 325
 266 Met Val Val Ala Val Tyr Thr Ile Cys Phe Leu Pro Ser Ile Ile 345
 267 335 340
 268 Phe Gly Met Ala Ser Met Val Ala Phe Trp Leu Ser Ala Cys Arg 360
 269 350 355

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/831,458A

DATE: 07/16/2002
TIME: 15:37:49

Input Set : A:\pf0636usn_seqlist.txt
Output Set: N:\CRF3\07162002\I831458A.raw

L:20 M:270 C: Current Application Number differs, Replaced Current Application Number
L:21 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:24 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD